

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/540,759
Source: PU
Date Processed by STIC: 3/3/06

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PCT

RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/540,759

TIME: 18:18:01

Input Set : N:\CrF4\03012006\J540749.raw

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 2 <120> TITLE OF INVENTION: ENZYMES AND POLYNUCLEOTIDES ENCODING THE SAME
 3 <130> FILE REFERENCE: 497047 KXR
 C--> 4 <140> CURRENT APPLICATION NUMBER: US/10/540,759
 5 <141> CURRENT FILING DATE: 2005-06-24
 6 <150> PRIOR APPLICATION NUMBER: NZ 523384
 7 <151> PRIOR FILING DATE: 2002-12-24
 8 <160> NUMBER OF SEQ ID NOS: 16
 9 <170> SOFTWARE: PatentIn version 3.1
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 12 <211> LENGTH: 2019
 13 <212> TYPE: DNA
 14 <213> ORGANISM: Actinidia deliciosa
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78      Gly Glu Asp Ile Leu Asp Glu Ala Leu Ala Phe Thr Ile Thr Gln Leu
79      180         185         190
80      Arg Ser Ala Leu Pro Asn Leu Ser Thr Pro Phe Lys Glu Gln Ile Ile
81      195         200         205
82      His Ala Leu Asn Gln Pro Ile His Lys Gly Leu Thr Arg Leu Asn Ala
83      210         215         220
84      Arg Ser His Ile Leu Phe Phe Glu Gln Asn Asp Cys His Ser Lys Asp
85      225         230         235         240
86      Leu Leu Asn Phe Ala Lys Leu Asp Phe Asn Leu Leu Gln Lys Leu His
87      245         250         255
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89      260         265         270
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104  Met Lys Ile Leu Val Arg Ala Tyr Phe Glu Glu Ala Lys Trp Phe His
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108  Thr Ala Gly Tyr Lys Met Leu Ala Thr Ser Ser Phe Val Gly Met Gly
109      420      425      430
110  Asp Leu Ala Thr Lys Glu Ala Phe Asp Trp Val Ser Asn Asp Pro Leu
111      435      440      445
112  Ile Val Gln Ala Ala Ser Val Ile Gly Arg Leu Lys Asp Asp Ile Val
113      450      455      460
114  Gly His Lys Phe Glu Gln Lys Arg Gly His Val Ala Ser Ala Val Glu
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118  Leu Asp Lys Gln Val Thr His Ser Trp Lys Asp Ile Asn Ala Glu Cys
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224      115         120         125
225      Arg Leu Leu Arg Gln Gln Gly Tyr Pro Val Ser Cys Asp Met Phe Asp
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240      245         250         255
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L:4 M:270 C: Current Application Number differs, Replaced Current Application Number